STATEMENT OF WORK FOR BULK PROPANE DELIVERY TO NASA'S WALLOPS FLIGHT FACILITY
June 22, 2010

Background

The National Aeronautics and Space Administration (NASA) at Wallops Flight Facility (WFF) is in the process of decentralizing its central steam plant and changing its primary heating fuel from oil to liquid propane. This change will reduce energy and water consumption, air emissions, and maintenance requirements at Wallops. The work is being performed under an Energy Savings Performance Contract with Ameresco Select.

Ameresco is currently installing a propane distribution system and central storage facility at Wallops. Three 60,000 gallon tanks are installed above-ground at a location identified in Figure 1. The current schedule shows the system being ready to accept propane for pressurization on October 1, 2010. Once construction is complete in the summer of 2011, NASA will take over operations and maintenance of the propane storage and distribution system.

The boiler change-outs will occur systematically over the course of Fiscal Year 2011 (October 1, 2010 through September 30, 2011). The estimated annual propane use for FY 2011 is approximately 522,000 gallons with draw-down and fill details outline in Table 1.

The reliability of propane supply is of utmost importance to Wallops Flight Facility because it will become the single source of heating fuel on the Mainbase campus. The facility has a wide variety of heating requirements from normal domestic requirements all the way to clean-room humidity control. Because of its remote location on the Delmarva Peninsula, natural gas is not available and Wallops will become highly reliant upon a continuous supply of liquid propane to its storage facility even during periods of curtailment.

Statement of Services

The Contractor shall provide an initial fill of 162,000 gallons of liquid propane to a Government-owned storage facility located near the N-159 hangar on Wallops Flight Facility's Mainbase campus (see Figure 1) for the time period of October 1, 2010 through September 30, 2011. After the initial fill, the Contractor will receive orders for deliveries as required. Delivery amounts will vary throughout the year with weather conditions.

The Contractor shall provide technical support available 24/7 and be able to respond within 2 hours to urgent issues.

The Contractor shall provide metered, temperature-compensated invoices delivered to the NASA Shared Services Center, to the NASA Wallops Resource Management office, and to the Wallops COTR. All addresses and contact information will be provided upon award.

Tankers are assumed to hold 9,000 gallons of liquid propane and deliveries are estimated by

month below taking into account the initial fill, system purging, and the phase-in schedule of propane fired boilers over the course of 12 months. These numbers represent the Government's best estimate at this point in time and are provided for reference to the Contractor to gauge the general magnitude of supply.

Additional Requirements

1. **Fixed Rate for Term** - Contractor shall be able to secure a fixed rate for propane for the contract term (October 1, 2010 through September 30, 2011). After award, and before September 1, 2010, the successful offeror will work with the Government to fix the rate of propane so as to minimize cost and to take advantage of market conditions.

2. **Reliability of Supply** – The Contractor shall provide proof of storage capabilities in a two hour proximity to Wallops Flight Facility. The Contractor shall be capable of making deliveries 24 hours per day for 7 days a week. Bidders shall also submit a statement outlining supply and delivery capabilities that will be extended to NASA/Wallops during periods of curtailment.